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## Controlling spins in nanodevices via spin-orbit interaction, magnons and heat

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# Curriculum Vitae

Kumar Sourav Das

18 October 1988      Born in Burdwan, India

## Education

- 09/2014 - 12/2018      PhD in Physics, *Physics of Nanodevices* research group  
Zernike Institute for Advanced Materials  
University of Groningen, The Netherlands  
Thesis title: *"Controlling spins in nanodevices via spin-orbit interaction, magnons and heat"*  
Supervisors: Prof. B. J. van Wees & Dr. I. J. Vera-Marun.
- 09/2012 - 08/2014      M.Sc. Top Master Nanoscience (Cum Laude)  
University of Groningen, The Netherlands  
Research project: *"Current-perpendicular-to-plane transport across graphene-silicon interface using ballistic electron emission microscopy (BEEM)"*  
Supervisor: Prof. T. Banerjee
- 07/2007 - 06/2010      B.Sc. Physics (First Class)  
St. Xavier's College, University of Calcutta, India

## Work experience

- |                   |  |
|-------------------|--|
| 01/2019 - present | Design Engineer, EUV source<br>ASML, Netherlands   |
| 01/2011 - 04/2012 | Teacher of Physics, Chemistry and Mathematics<br>Burdwan Model School (CBSE), Burdwan, India |

## Extracurricular activities

- |                   |  |
|-------------------|--|
| 11/2017           | Participant, Physics with Industry Workshop 2017<br>Netherlands Organization for Scientific Research (NWO),<br>Leiden, The Netherlands |
| 12/2015 - 08/2017 | Board Member, PhD Council and Sounding Board<br>Graduate School of Science and Engineering<br>University of Groningen, The Netherlands |
| 12/2015 - 10/2016 | Chairman, PhD Day 2016 Organizing Committee<br>University of Groningen, The Netherlands  |
| 07/2014 - 09/2016 | International Alumni Ambassador<br>University of Groningen, The Netherlands  |